

ABHD11 Polyclonal Antibody

Catalog # AP68237

Product Information

Application	WB, E
Primary Accession	Q8NEV4
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33747

Additional Information

Gene ID	83451
Other Names	ABHD11; WBSCR21; PP1226; Abhydrolase domain-containing protein 11; Williams-Beuren syndrome chromosomal region 21 protein
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

Name	ABHD11 (HGNC:16407)
Synonyms	WBSCR21
Function	Catalyzes the hydrolysis of diacylglycerol in vitro and may function as a key regulator in lipid metabolism, namely by regulating the intracellular levels of diacylglycerol (PubMed: 32579589). 1,2- diacyl-sn-glycerols are the preferred substrate over 1,3-diacyl-sn- glycerols (By similarity). The enzyme hydrolyzes stearate in preference to palmitate from the sn-1 position of 1,2-diacyl-sn-glycerols (By similarity). Maintains the functional lipoylation of the 2-oxoglutarate dehydrogenase complex (OGDHC) through its interaction with the OGDHC by preventing the formation of lipoyl adducts (PubMed: 32792488). In addition, is also required for the expansion and differentiation of embryonic stem cells (ESCs) (By similarity).
Cellular Location	Mitochondrion. Mitochondrion matrix
Tissue Location	Ubiquitously expressed (PubMed:12073013). Highly expressed in small intestine, prostate and thyroid, while aorta and colon tissues exhibit weak

Images



Western Blot analysis of various cells using ABHD11 Polyclonal Antibody

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